#### Albert St N and Pottinger St **Specified Period Morning Peak Diagram One Hour Peak** From: 6:00:00 **From:** 9:45:00 To: 9:00:00 To: 10:45:00 Weather conditions: Municipality: CKL Site #: 000000001 Intersection: Person(s) who counted: Albert St N & Pottinger Andrew Rowe TFR File #: Count date: 28-Jun-2017 \*\* Non-Signalized Intersection \*\* Major Road: Albert St N runs N/S North Leg Total: 43 Cyclists 2 0 2 Cyclists 1 East Leg Total: 41 0 North Entering: Trucks 0 0 0 Trucks 1 East Entering: 24 North Peds: 2 19 Cars 20 East Peds: 2 Cars 1 $\mathbb{X}$ Peds Cross: Totals 3 2 Totals 22 Peds Cross: Albert St N Totals Trucks Cyclists Totals Cyclists Trucks Cars 0 22 25 0 0 1 1 19 1 4 2 Pottinger St Cyclists Trucks Cars **Totals** Pottinger St 0 12 13 1 0 0 0 0 Cars Trucks Cyclists Totals 13 0 16 1 17 Albert St N $\mathbb{X}$ Peds Cross: Cars 3 Peds Cross: M Cars 18 18 2 23 West Peds: Trucks 1 Trucks 0 0 1 South Peds: West Entering: Cyclists 1 Cyclists 0 0 South Entering: 25 West Leg Total: 39 Totals 20 Totals 3 South Leg Total: 45

### **Comments**

Albert is major road but is currently stop controlled.

#### Albert St N and Pottinger St **Specified Period Mid-day Peak Diagram One Hour Peak** From: 11:00:00 **From:** 11:45:00 To: 13:00:00 To: 12:45:00 Municipality: CKL Weather conditions: Site #: 000000001 Intersection: Person(s) who counted: Albert St N & Pottinger Andrew Rowe TFR File #: Count date: 28-Jun-2017 \*\* Non-Signalized Intersection \*\* Major Road: Albert St N runs N/S North Leg Total: 86 Cyclists 0 0 0 Cyclists 2 East Leg Total: 74 1 North Entering: Trucks 0 0 Trucks 1 East Entering: 35 Cars 45 North Peds: Cars 3 37 East Peds: $\mathbb{X}$ Peds Cross: Totals 3 5 Totals 48 Peds Cross: Albert St N Trucks Cyclists Totals Cyclists Trucks Cars Totals Cars 0 30 0 30 0 6 0 24 0 5 Pottinger St 0 Cyclists Trucks Cars **Totals** Pottinger St 0 1 24 25 0 0 2 2 Cars Trucks Cyclists Totals 31 38 0 1 39 Albert St N $\mathbb{X}$ Peds Cross: Cars 3 Peds Cross: M Cars 36 34 9 46 West Peds: Trucks 1 Trucks 0 1 0 1 South Peds: West Entering: Cyclists 0 Cyclists 0 0 South Entering: 49 West Leg Total: 62 Totals 37 Totals 3 South Leg Total: 86

### **Comments**

Albert is major road but is currently stop controlled.

#### Albert St N and Pottinger St **Specified Period One Hour Peak Afternoon Peak Diagram** From: 14:00:00 **From:** 14:30:00 To: 18:00:00 To: 15:30:00 Municipality: CKL Weather conditions: Site #: 000000001 Intersection: Person(s) who counted: Albert St N & Pottinger Andrew Rowe TFR File #: Count date: 28-Jun-2017 \*\* Non-Signalized Intersection \*\* **Major Road:** Albert St N runs N/S North Leg Total: 89 Cyclists 0 0 0 Cyclists 0 East Leg Total: 78 0 North Entering: Trucks 0 0 0 Trucks 2 East Entering: 45 North Peds: 42 Cars 2 30 Cars 57 East Peds: ${\textstyle \mathbb{X}}$ Peds Cross: Totals 2 6 Totals 59 Peds Cross: Albert St N Trucks Cyclists Totals Cyclists Trucks Cars Totals 43 11 0 11 2 40 0 28 2 1 31 0 3 Pottinger St Cyclists Trucks Cars **Totals** Pottinger St 2 1 20 23 0 0 2 2 Cars Trucks Cyclists Totals 30 30 1 2 33 Albert St N $\mathbb{X}$ Peds Cross: Peds Cross: M Cars 27 Cars 10 38 4 52 2 West Peds: Trucks 0 Trucks 0 2 0 South Peds: West Entering: Cyclists 0 Cyclists 0 0 0 South Entering: 54 West Leg Total: 76 Totals 27 Totals 10 South Leg Total: 81

### **Comments**

Albert is major road but is currently stop controlled.

# **Eight Hour Peak Diagram**

**Eight Hour Peak** 

From: 9:45:00 To: 16:41:32

Municipality: CKL

Site #: 000000001

Intersection: Albert St N & Pottinger

TFR File #:

North Leg Total: 456

North Entering:

North Peds:

Peds Cross:

Count date: 28-Jun-2017

198

Weather conditions:

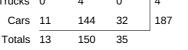
Clear

Person(s) who counted:

Andrew Rowe

# \*\* Non-Signalized Intersection \*\*

Cyclists 2 3 7 0 4 Trucks 0 4 32 187 Cars 11 144



### Major Road: Albert St N runs N/S

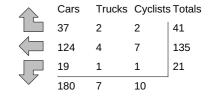
Cyclists 7 Trucks 8 Cars 243 Totals 258 East Leg Total: 403 East Entering: 197 East Peds: 14  $\mathbb{X}$ Peds Cross:

Totals Cyclists Trucks Cars



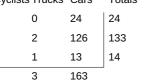






Pottinger St

Cyclists Trucks Cars **Totals** 24 24 5 2 126 133 0 1 13 14





Pottinger St



Cars	Trucks	Cyclists	Totals
10E	2	0	206

 $\mathbb{X}$ Peds Cross: West Peds: West Entering: West Leg Total: 347

Cars 176 Trucks 6 Cyclists 3 Totals 185



Peds Cross:	×
South Peds:	15
South Entering:	259
South Leg Total:	444

### **Comments**

Albert is major road but is currently stop controlled.

# **Total Count Diagram**

Municipality: CKL

Site #: 000000001

Intersection: Albert St N & Pottinger

TFR File #:

North Leg Total: 459

North Entering:

North Peds:

Peds Cross:

Count date: 28-Jun-2017

199

73

Weather conditions:

Clear

Person(s) who counted:

**Andrew Rowe** 

# \*\* Non-Signalized Intersection \*\*

Cyclists 2 4 8 4 Trucks 0 4 0 32 187 Cars 11 144

Totals 13 150

#### Major Road: Albert St N runs N/S

Cyclists 7 Trucks 10 Cars 243

Totals 260

East Leg Total: 406 East Entering: 199 East Peds: 14  $\mathbb{X}$ Peds Cross:

Cyclists Trucks Cars Totals







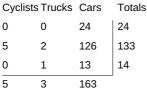


180

Pottinger St

Cars	Trucks	Cyclists	SIOT
37	4	2	43
124	4	7	135
19	1	1	21

Pottinger St



 $\mathbb{X}$ Peds Cross: West Peds: West Entering: West Leg Total: 347



Cars 176 Trucks 6 Cyclists 3 Totals 185





Cars 27 182 37 246 Trucks 1 1 8 Cyclists 0 5 0 Totals 28

Cars Trucks Cyclists Totals 195 3 9 207

> Peds Cross: M South Peds: South Entering: 259

South Leg Total: 444

# **Comments**

Albert is major road but is currently stop controlled.

# Albert St N and Pottinger St Traffic Count Summary

		: N & Po	ttinger		Count D	Date: 28-Jun-20	)17	17 Municipality: CKL					
	North	Appro	ach Tot	als	•				South Approach Totals				
I +	Include	es Cars, T	rucks, & C			North/South					rucks, & C	yclists	
Hour Ending	Left	Thru	Right	Grand Total	Total Peds	Total Approaches	Hoı Endi		Left	Thru	Right	Grand Total	Total Peds
10:00:00	0	3	0	3	0	_	10:00		0	5	0	5	0
11:00:00	3	23	3	29	7		11:00		3	21	6	30	4
12:00:00 13:00:00	3 10	27 30	2 2	32 42	6 6		12:00 13:00		3 5	29 31	5 10	37 46	1
14:00:00	3	16	1	20	2		14:00		2	20	8		1 3 3
15:00:00	3	25	3	31	7		15:00		8	32	3	43	4
16:00:00	11	17	0	28	43		16:00		7	36	6	49	0
Totals:	33	141	11	185	71	425			28	174	38	240	15
Totals.			ach Tota		11	423					ach Tota		13
	Include	es Cars, T	rucks, & C	yclists		East/West					rucks, & C		
Hour Ending	Left	Thru	Right	Grand Total	Total Peds	Total Approaches	Hoı Endi	ur ing	Left	Thru	Right	Grand Total	Total Peds
10:00:00	0	5	0	5	0	8	10:00	0:00	0	3	0	2	0
11:00:00	4										ı v	3	3
		16	2	22	2		11:00		1	13	1	15	~
12:00:00	2	11	5	18	2 0	48	11:00 12:00	0:00	1 3	13 24	1 3	15 30	3 7
12:00:00 13:00:00	2 5	11 24	5 4	18 33	2 0 5	48 66	11:00 12:00 13:00	0:00 0:00	1 3 5	13 24 23	1 3 5	15 30 33	1
12:00:00 13:00:00 14:00:00	2 5 2	11 24 18	5 4 6	18 33 26	2 0 5 2	48 66 47	11:00 12:00 13:00 14:00	0:00 0:00 0:00	1 3 5 2	13 24 23 18	1 3 5 1	15 30 33 21	1 2
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00	2 5 2	11 24 18	5 4 6	18 33 26	2 0 5 2	48 66 47 52	11:00 12:00 13:00 14:00	0:00 0:00 0:00 0:00	1 3 5 2	13 24 23 18	1 3 5 1	15 30 33 21	1 2
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2	15 30 33 21 21	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00	2 5 2 2	11 24 18 25	5 4 6 4	18 33 26 31	2 0 5 2 2	48 66 47 52	11:00 12:00 13:00 14:00 15:00	0:00 0:00 0:00 0:00	1 3 5 2 2	13 24 23 18 17	1 3 5 1 2 1	15 30 33 21 21 37	1 2 4 12
12:00:00 13:00:00 14:00:00 15:00:00 16:00:00	25226	11 24 18 25 23	5 4 6 4 14	18 33 26 31 43	2 0 5 2 2 1	48 66 47 52 80	11:00 12:00 13:00 14:00 15:00 16:00	00000000000000000000000000000000000000	1 3 5 2 2 10	13 24 23 18 17 26	1 3 5 1 2 1	15 30 33 21 21 37	1 2 4 12
12:00:00 13:00:00 14:00:00 15:00:00 16:00:00	2 5 2 6	11 24 18 25 23	5 4 6 4 14	18 33 26 31 43	2 0 5 2 2 1	48 66 47 52 80 80 338 or Traffic Cr	11:00 12:00 13:00 14:00 15:00 16:00	00000000000000000000000000000000000000	1 3 5 2 2 10	13 24 23 18 17 26	1 3 5 1 2 1	15 30 33 21 21 37	1 2 4
12:00:00 13:00:00 14:00:00 15:00:00 16:00:00	21 22 6	11 24 18 25 23	5 4 6 4 14 35 Calc	18 33 26 31 43 43	2 0 5 2 1 1 2 <b>1</b> <b>2</b> 1	48 66 47 52 80 80 338 or Traffic Cr	11:00 12:00 13:00 14:00 15:00 16:00	0:00 0:00 0:00 0:00 0:00 0:00	1 3 5 2 2 10 10	13 24 23 18 17 26	1 3 5 1 2 1	15 30 33 21 21 37	1 2 4 12

Count Date: 28-Jun-2017

Intersection: Albert St N & Pottinger Municipality: CKL

Major Road: Albert St N Major Road Runs: N/S one lane each way

Operating Speed of Major Road: 50 km/hr Operating under free flow conditions

Warrant #1: Minimum Vehicular Volumes.

## A. All Approaches.

**Not Satisfied** 

Actual Average (Total/8):

Actual Average (Total/8):

35%

		Minim	um Requir	ements											
No. of Lanes	1 Lane E	ach Way	2 Lanes I	Each Way	3 Lanes				Hours	Ending					
Flow Condition	1 Lane F. Flow (Code 1)	1 Lane R. Flow (Code 2)	2 Lane F. Flow (Code 3)	2 Lane R. Flow (Code 4)	or More R. Flow (Code 5)	0:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	Pe	ercentade Warrant
100%	480	720	600	900	1125	0	16	96	117	154	97	126	157	Voor	100%
80%	385	575	480	720	900	O	10	96	117	154	97	120	157	Yes: No:	Х
		10	00% Fulfille	ed											0
All Approa- ches		8	0% Fulfille	ed											0
		Actua	l % if Belo	w 80%		0	3	20	24	32	20	26	33		159
													-	Total:	159

# **B.** Minor Street Both Approaches.

100%	120	170	120	170	170			27	40	66	47	F-0	00	V	100%
80%	95	135	95	135	135	0	8	37	48	66	47	52	80	Yes: No:	Х
Minar	100% Fulfilled														0
Minor Street Both Approa-		8	0% Fulfille	ed											0
ches		Actua	l % if Belo	w 80%		0	7	31	40	55	39	43	67		282
														Total:	282

Count Date: 28-Jun-2017

Intersection: Albert St N & Pottinger Municipality: CKL

Major Road: Albert St N Major Road Runs: N/S one lane each way

Operating Speed of Major Road: 50 km/hr Operating under free flow conditions

**Warrant #2: Delay to Cross Traffic.** 

# A. Major Street Both Approaches.

### **Not Satisfied**

		Minim	um Requir	ements											
No. of Lanes	1 Lane E	ach Way	2 Lanes I	Each Way	3 Lanes				Hours	Ending					
Flow Condition	1 Lane F. Flow (Code 1)	1 Lane R. Flow (Code 2)	2 Lane F. Flow (Code 3)	2 Lane R. Flow (Code 4)	or More R. Flow (Code 5)	0:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00		rcentage Warrant
100%	480	720	600	900	1125	0	8	59	69	88	50	74	77	Yes:	100%
80%	385	575	480	720	900	O	0	59	09	00	50	74	11	No:	X
		10	00% Fulfille	ed											0
All Approa- ches		8	0% Fulfille	ed											0
		Actua	l % if Belo	w 80%		0	2	12	14	18	10	15	16		89
														Total:	89

Total: 89

Actual Average (Total/8): 11%

## **B.** Traffic Crossing Major Street.

100%	50	75	50	75	75	0	_	22	36	43	27	40	0.5	Vac	100%
80%	40	60	40	60	60	0	5	32	30	43	21	40	85	Yes: No:	Х
A.II	100% Fulfilled												100		100
All Approa- ches		8	0% Fulfille	ed						80		80			160
		Actua	l % if Belo	w 80%		0	10	64	72		54				200
														Total:	460

Total: 460
Actual Average (Total/8): 57%

Count Date: 28-Jun-2017

Intersection: Albert St N & Pottinger Municipality: CKL

Major Road: Albert St N Major Road Runs: N/S one lane each way

Operating Speed of Major Road: 50 km/hr Operating under free flow conditions

Warrant #3: Accident Experience.

### **Not Satisfied**

A. Reportable accidents within a twelve month period averaged over 36 consequtive months susceptible to correction by a traffic signal.

Minimum Requirements	Actual Number of Accidents	Average Number of Accidents	Fulfilled
5	3 in 3 years	1 per year	20%
B. Adequate trial of less re	estrictive remedies has failed to reduce ac	cident frequency.	No
C. Either Warrant 1 (Minin	num Vehicular Volume) or Warrant 2 (Dela	y to Cross Traffic) satisfied 80% or more.	No

# Warrant #4: Combination Warrant. (Used if no warrant satisfied 100%)

### **Not Satisfied**

Minimum Requirements	Warrant Satisfied 80% or More	Fulfilled
Two Warrants Satisfied 80%	Warrant 1 (Minimum Vehicular Volume) Warrant 2 (Delay to Cross Traffic) Warrant 3 (Accident Experience)	No No No

Conclusion: Traffic signal not warranted.